

2000 ANNUAL REPORT

EPSCoR Advisory Committee

August 2000

Mission Statement

The Experimental Program to Stimulate Competitive Research (EPSCoR) Advisory Committee was created to:

- increase federally supported research in Arkansas by working to increase the number of scientists in both academia and the private sector,
- promote a climate that facilitates the ability of scientists in Arkansas to compete for federally funded research and science education grants,
- promote interdisciplinary research both within and between academic institutions and the private sector, and
- emphasize improved science, engineering and mathematics education in Arkansas.

Committee Action

The EPSCoR Committee advises the Arkansas Science & Technology Authority's Board of Directors on matters relating to EPSCoR and has related responsibilities. These responsibilities include:

- establishing policies and guidelines for EPSCoR activities in Arkansas,
- providing general oversight and coordination of all Arkansas EPSCoR projects,
- disseminating information regarding EPSCoR programs and selecting participants for proposals,
- monitoring the progress of funded EPSCoR programs in Arkansas,
- offering guidance to the Research Committee Chair concerning reports to the Authority's Board of Directors,
- conducting strategic planning related to EPSCoR, and
- providing visibility and public relations on behalf of EPSCoR.

The EPSCoR Committee met two times during the year ending June 30, 2000.

During the year, requests for proposals were announced for the 2000 National Science Foundation (NSF) EPSCoR Grant program and the 2000 Department of Energy (DOE) EPSCoR program. Two proposals were recommended for submission to each of the EPSCoR Grant programs.

The following proposals were submitted:

1. Arkansas Center for Nanoscience and Engineering: Infrared and Tetrahertz Lasers, Amplifiers, and Detectors Based on Nanostructures by Yujie J. Ding, UAF, for \$500,000 from NSF;
2. Center for Computational Wind Engineering by R. Paneer Selvam, UAF, for \$490,461 from NSF;
3. Laser Assisted Metal Induced Solid Phase Crystallization and Doping of Amorphous Silicon by Hameed Naseem, UAF for \$617,669 from DOE; and
4. The Compressor Challenge: The Next Generation of Efficient Energy-Processing Systems for Consumer Goods by Juan C. Balda and Kraig J. Olejniczak, UAF, \$1,124,859 from DOE.

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¹ Resigned.

² Replaced Dr. Lindley on the Committee.

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